CUSTOMER ENGINEERING RESIDENTIAL DEVELOPMENT

CPS ENERGY
CONSTRUCTION COMPLETED

BY:

DATE:

CONST CTR:

FERGUSON MAP GRID: 621 - B3

URD ELECTRIC DESIGN				PROJECT # A-0012
WORK REQUEST NO: 41014870		WORK REQUEST TITLE / ADDRESS: SERENO SPRINGS UNIT 3 / URD		
PLANNED BY: Z LAWRENCE	PHONE: 6874	CELL PHONE: 596-7348	DATE PLANNED: 06/11/25	NOTES: **66 LOTS**
REVIEWED BY: S BLAIN	PHONE: 6867	CELL PHONE: 415-8573	DATE REVIEWED: 06/16/25	
PAGE: 1 of 1				
SERVICE CENTER: ESD				
X,Y GRID COORDINATES: X 2196532.000000 Y 13707698.000000			CIRCUIT NO: C513	SCALE: 1 " = 100 '

BURIED FACILITIES: CATV, WATER, TELEPHONE, SEWER, ELECTRIC, GAS, OTHER — CLEAR / NOTED ON SKETCH

COPIES — TOTAL

SKETCH SIZE 22 X 34
1" = 100'

Locates & Permits

Associated Work Orders

OH WR# 41025025
STLT WR# 41026012

Environmental Notes

A STORMWATER PERMIT IS ACTIVE FOR THIS CONSTRUCTION SITE. PLEASE CALL STORMCON ENVIRONMENTAL AT LEAST 48 HOURS PRIOR TO ANY SOIL DISTURBANCE.

STORMCON POC: BRANDON BAXTER
210-771-1221 brandon@stormcon.us

DESIGNED BY:
E. TOSCANO
ENTRUST SOLUTIONS

N

PROJECT NAME: SERENO SPRINGS UNIT 3 — HOME SQ FT: 2400 — # OF LOTS/# OF UNITS: 66/66

DIRT: X ROCK: — # OF SE6D: 27 — KVA PER LOT/TOTAL KVA: 19/1000

TOTAL TRENCH FOOTAGE: (JOINT-ELEC & GAS): — TRENCH-GAS ONLY: — TRENCH-ELEC ONLY: 2896'

STREET CROSSINGS: CUSTOMER SLEEVES: — CPSE TRENCH/FLOWABLE FILL: X — # OF CROSSINGS: 15

OF STREETLIGHTS: 5 — 100W: X — 250W: — UNINCORPORATED: X — CITY: — ANSL:

OF URD PADMOUNT TRANSFORMERS:

GY:		HV:	
	:50KVA	2	:50KVA
	:75KVA	4	:75KVA
	:100KVA	6	:100KVA
	:167KVA		:167KVA
	:250KVA		:250KVA

ATTENTION: DEVELOPERS / ENGINEERS / CONTRACTORS

WHEN TRENCHING IS IN FRONT LOT CONSTRUCTION, WATER &/OR SEWER SERVICES ARE NOT TO BE PLACED UNTIL CPS ENERGY FACILITES ARE INSTALLED WHEN TRENCHING IN RIGHT OF WAY, WATER & SEWER SERVICES WILL NEED TO BE ROLLED BACK &/OR OUT OF CPS ENERGY TRENCHLINE

CPS ENERGY WILL NOT BE LIABLE FOR ANY DAMAGES TO WATER &/OR SEWER SERVICES WHERE CPS ENERGY AND SEWER/WATER SERVICES/MAIN ARE CROSSING STREET CPS ENERGY REQUIRES A MINIMUM OF 6' (FT) OF HORIZONTAL SEPARATION (when paralleling) AND 1' (FT) VERTICAL SEPARATION (when crossing) TO AVOID CONFLICTS

* ANY FOREIGN UTILITY OTHER THAN CPS ENERGY WILL BE REQUIRED TO MAINTAIN A MINIMUM OF 6' (FT) PARALLEL SEPARATION FROM ANY CPS ENERGY INFRASTRUCTURE.
* CPS ENERGY APPROVES THIS DRAWING FOR THIS PROJECT ONLY. CPS ENERGY RESERVES THE RIGHT TO APPROVE OR REJECT ANY DEVIATIONS ON ANY FUTURE PROJECTS.

"ATTENTION FOREMAN"
PLEASE CONTACT SUPERVISOR PRIOR TO ENERGIZING!!

ATTENTION
FOREMAN

SEE UTILITY PLAT FOR LOCATION OF UTILITIES IN CONSTRUCTION AREA

LOCATE ALL BURIED FACILITIES

FOR MISSING PINS
CONTACT ENGINEER

ENGINEER: PAPE-DAWSON ENGINEERS
CONTACT: BECKY CARROL, P.E.
PHONE: 210-375-9000

LOCATION MAP

SCHUWIRTH RD
HARLEQUIN
SITE
E LOOP 1604 N HWY

Joint Trench & Comm's

JointTrench Participants-
- None
- Astound Broadband: (Footage)
- Centric Fiber: (Footage)
- GVTC: (Footage)
- Spectrum: (Footage)

Other COMM's (Non- J.T.):
- ATT: (Footage)
- Hotwire: (Footage)

ATTENTION DEVELOPER/ ENGINEERS/ CONTRACTORS

If not a joint trench participant:
* Must be in a separate trench
* Must maintain a 6 foot parallel separation from CPS underground infrastructure
* Street crossings and developer installed conduit bundles must maintain a 6 foot parallel separation

EXISTING RISER DETAIL

WL# 18 PL3554723
WL# 1 PL3554722
EX. PHASE A TO PB2561868
EX. PHASE C TO PB2561868
EX. PHASE A
EX. PHASE C

EXISTING PHASE DIAGRAM

WL# 18
WL# 1
A
B
C
EX. R64329
EX. R64490
EX. R63983
EX. R64328
EX. R64489
EX. R63982

WL# 1
PL3554722

R64490 (B)
LOAD: 450KVA
FUSE W 40K

WL# 18
PL3554723

R64489 (B)
LOAD: 550KVA
FUSE W 40K

EX. DOUBLE PULLBOX DETAIL
WL# 2 / PB2561868

R64490 WL# 1	EX. PB2561870 WL# 3
R64489 WL# 18	EX. PB2561870 WL# 3

NOTE TO FOREMAN:
PULL PRI. CABLE THROUGH EMPTY CONDUIT FROM:
WL# 1 R64490 TO WL# 2 PB2561868
WL# 2 PB2561868 TO WL# 3 PB2561870 (X2)
WL# 2 PB2561868 TO WL# 18 R64489
WL# 3 PB2561870 TO WL# 4 PB2603854 (X2)
WL# 4 PB2603854 TO WL# 17 SL2692802
WL# 4 PB2603854 TO WL# 6 SL2692801

INSET A
EX. FACILITIES INSTALLED W/SERENO SPRINGS UNIT 2
URD WR# 40946440

BACKDROP REVISION OF URD WR# 40946440

TIE-INTO EX. EMPTY PRI. CONDUIT SEE INSET A

NOTE: DRAIN CROSSING

EX. DOUBLE PULLBOX DETAIL
WL# 3 / PB2561870

EX. PB2603854 WL# 4	EX. PB2561868 WL# 2
EX. PB2603854 WL# 4	EX. PB2561868 WL# 2

EX. DOUBLE PULLBOX DETAIL
WL# 4 / PB2603854

SL2692802 WL# 17	EX. PB2561870 WL# 3
SL2692801 WL# 6	EX. PB2561870 WL# 3

(1) 6" PVC SCH. 80 (ELECTRIC)
(2) 4" PVC SCH. 40 (TELEPHONE & CABLE)

(2) 6" PVC SCH. 80 (ELECTRIC)
(2) 4" PVC SCH. 40 (TELEPHONE & CABLE)

LASSEN PARK
DENALI PRESERVE
SHENANDOAH PARK
RAINBOW FOREST
GLACIER PARK
ZION PARK
BOCA NUEVA
HORNET TRAIL
HARLEQUIN
KING EIDER
BULRUSH STREET